



ALL HOLES IN BEAM PLATES SHALL BE OVERSIZED TO 27 mm Ø - 2x Extn. Hardened washer shall be provided at all oversized hole locations (TYP)

MARK	REQ'D	(A)	(B)	(C)	(D)	(E)	(F)	
7CF1	1	2213	1090	170	192	7	66	NO PAINT @ ABUT 1
7CF2	1	2213	1093	168	194	8	73	
7CF3	1	2213	1095	167	195	9	80	
7CF4	1	2214	1098	166	196	10	86	
7CF5	1	2212	1075	177	185	3	24	PRINT @ ABUT 2
7CF6	1	2212	1077	176	186	3	30	
7CF7	1	2212	1078	175	187	4	37	
7CF8	1	2212	1082	173	188	5	44	

ABM INFO		SHIP	BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.	ABM INFO		SHIP	BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.	
PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH	REMARKS	WT	PROCUREMENT NOTES	PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH	REMARKS	WT	PROCUREMENT NOTES	
		7CF5	1		CROSSFRAME			303 kg				7CF1	1		CROSSFRAME			303 kg		
2	G	1	a7	C	380x50	2	130			2	G	1	a7	C	380x50	2	130			
2	H	1	b7	L	127x127x12.7	2	120			2	H	1	b7	L	127x127x12.7	2	120			
2	J	2	c7	L	127x127x12.7	0	840			2	J	2	c7	L	127x127x12.7	0	840			
2	L	2	d7	PL	14x480	0	350	BENT		2	L	2	d7	PL	14x480	0	350	BENT		
2	M	2	f7	PL	14x400	0	400	BENT		2	M	2	f7	PL	14x400	0	400	BENT		
2	K	1	g7	PL	14x300	1	000			2	K	1	g7	PL	14x300	1	000			
		7CF6	1		CROSSFRAME			303 kg				7CF2	1		CROSSFRAME			303 kg		
2	G	1	a7	C	380x50	2	130			2	G	1	a7	C	380x50	2	130			
2	H	1	b7	L	127x127x12.7	2	120			2	H	1	b7	L	127x127x12.7	2	120			
2	J	2	c7	L	127x127x12.7	0	840			2	J	2	c7	L	127x127x12.7	0	840			
2	L	2	d7	PL	14x480	0	350	BENT		2	L	2	d7	PL	14x480	0	350	BENT		
2	M	2	f7	PL	14x400	0	400	BENT		2	M	2	f7	PL	14x400	0	400	BENT		
2	K	1	g7	PL	14x300	1	000			2	K	1	g7	PL	14x300	1	000			
		7CF7	1		CROSSFRAME			303 kg				7CF3	1		CROSSFRAME			303 kg		
2	G	1	a7	C	380x50	2	130			2	G	1	a7	C	380x50	2	130			
2	H	1	b7	L	127x127x12.7	2	120			2	H	1	b7	L	127x127x12.7	2	120			
2	J	2	c7	L	127x127x12.7	0	840			2	J	2	c7	L	127x127x12.7	0	840			
2	L	2	d7	PL	14x480	0	350	BENT		2	L	2	d7	PL	14x480	0	350	BENT		
2	M	2	f7	PL	14x400	0	400	BENT		2	M	2	f7	PL	14x400	0	400	BENT		
2	K	1	g7	PL	14x300	1	000			2	K	1	g7	PL	14x300	1	000			
		7CF8	1		CROSSFRAME			303 kg				7CF4	1		CROSSFRAME			303 kg		
2	G	1	a7	C	380x50	2	130			2	G	1	a7	C	380x50	2	130			
2	H	1	b7	L	127x127x12.7	2	120			2	H	1	b7	L	127x127x12.7	2	120			
2	J	2	c7	L	127x127x12.7	0	840			2	J	2	c7	L	127x127x12.7	0	840			
2	L	2	d7	PL	14x480	0	350	BENT		2	L	2	d7	PL	14x480	0	350	BENT		
2	M	2	f7	PL	14x400	0	400	BENT		2	M	2	f7	PL	14x400	0	400	BENT		
2	K	1	g7	PL	14x300	1	000			2	K	1	g7	PL	14x300	1	000			

OUT FOR APPROVAL	8/30/02																			
ISSUED TO SHOP																				
FIELD & OFFICE																				
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER									
	MATERIAL:																			
	M270M-345W																			
	SURFACE PREP. & PAINT:																			
	-STEEL WITHIN 1500 OF ABUT. 2 END OF GIRDERS SHALL BE PAINTED (SEE GNI)																			
	-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.																			
	DESCRIPTION:	END CROSSFRAMES																		
	JOB:	US Route 5 over Northern Vermont RR																		
	BRIDGE NO. 161																			
	BARTON, VERMONT (ORLEANS COUNTY)																			
	CONTRACTOR: WINTERSET																			
	PROJ NO.	AC STP 0113 (58) S																		
	CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION																		
	CASCO BAY STEEL STRUCTURES, INC.																			
	75 SPRING HILL ROAD	SACO, MAINE 04072																		
	PHONE (207) 282-7360	FAX. (207) 282-1179																		
	RECEIVED																			
	SEP 04 2002																			
	APPROVED																			
	DATE	9/17/02																		